

Unitization Requirements - DSCP Medical

1. DSCP Medical's unitization requirements are based on the guidance provided via DLAI 4145.12, The DLA Packaging Program, which requires that:

a. Cargo shall be unitized to the maximum extent practical, generally following the criteria of MIL-HDBK-774, Palletized Unit Loads, using the standard warehousing and shipping pallet, 4-way entry, 40 x 48 inch, nonreversible, winged. Pallets shall conform to ASME MH1.8, Pallet, Material Handling, Wood, Stringer Construction, 2-way and 4-way (partial), either soft-wood (preferred) or hardwood. Maximum weight of the load shall be 3,000 pounds. Maximum height shall follow the criteria of MIL-HDBK-774; however, no unitized load comprised of a number of exterior (shipping) containers shall exceed 54 inches in height, unless otherwise specified.

b. Materiel shall be unitized to the extent practical at the time of acquisition, and will be shipped in a unitized mode whenever possible.

2. The unitization requirements are specified in the clear in all DSCP Medical acquisitions, both military and commercial. The unitization table also includes the following:

a. Applicable levels of preservation and packing (i.e., packaging – commercial or military, and packing – commercial, Level A, or Level B) specific to the item in question.

b. Certification Requirement for Non-Manufactured Wood Packing Materials (NMWPM), which became effective 1 October 2001.

(1) Currently, shipments packed in/on NMWPM and destined for delivery to one of the member states of the European Union are affected by this requirement. This includes all shipments, whether sent directly to the customer, or through a Defense Depot or other consolidation point.

(2) A listing of the current Defense consolidation points is included in the unitization table.

3. See the attachment for the current DSCP Medical unitization requirements.

1 Attachment

PREPARATION FOR DELIVERY

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CERTIFICATION REQUIREMENT FOR NON-
MANUFACTURED WOOD PACKING MATERIAL (NMWPM)

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APPLICABLE TO ALL COMMERCIAL/GOVERNMENT
EXPORT SHIPMENTS OF SUPPLIES PACKED
IN/ON NMWPM AND DESTINED FOR DELIVERY TO
EUROPE ON/AFTER OCTOBER 1, 2001, EITHER
DIRECTLY TO THE CUSTOMER OR THROUGH A
DEFENSE DEPOT OR OTHER CONSOLIDATION
POINT.

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ALL WOODEN PALLETS AND WOODEN CONTAINERS
PRODUCED ENTIRELY OR IN PART OF
NON-MANUFACTURED SOFTWOOD SPECIES SHALL
BE CONSTRUCTED FROM HEAT-TREATED (HT TO
56 DEGREES CENTIGRADE FOR 30 MINUTES)
CONIFEROUS MATERIAL AND CERTIFIED
ACCORDINGLY BY AN ACCREDITED AGENCY
RECOGNIZED BY THE AMERICAN LUMBER STANDARD
COMMITTEE, INCORPORATED (ALSC), IN
ACCORDANCE WITH THE LATEST REVISION OF THE
ALSC NON-MANUFACTURED WOOD PACKING POLICY
AND NON-MANUFACTURED WOOD PACKING
ENFORCEMENT REGULATIONS (SEE URL:
[HTTP://WWW.ALSC.ORG/](http://WWW.ALSC.ORG/)).

ALL WOODEN PALLETS AND WOODEN CONTAINERS
PRODUCED ENTIRELY OF NON-MANUFACTURED
HARDWOOD SPECIES SHALL BE IDENTIFIED BY A
PERMANENT MARKING OF "NC-US", 1.25 INCHES
OR GREATER IN HEIGHT, ACCOMPANIED BY THE
CAGE CODE OF THE PALLET/CONTAINER
MANUFACTURER AND THE MONTH AND YEAR OF THE
CONTRACT. ON PALLETS, THE MARKING SHALL BE
APPLIED TO THE STRINGER OR BLOCK ON
DIAGONALLY OPPOSITE SIDES AND ENDS OF THE
PALLET AND SHALL BE CONTRASTING AND CLEARLY
VISIBLE. ON CONTAINERS, THE MARKING SHALL
BE APPLIED ON A SIDE OTHER THAN THE TOP OR
BOTTOM, AND SHALL BE CONTRASTING AND CLEARLY
VISIBLE.

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 FAILURE TO COMPLY WITH ALL THE REQUIREMENTS
 OF THIS RESTRICTION MAY RESULT IN REFUSAL,
 DESTRUCTION, OR TREATMENT OF MATERIALS AT
 THE POINT OF ENTRY.
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DEFENSE CONSOLIDATION POINTS INCLUDE THE FOLLOWING:

- A. DEFENSE DISTRIBUTION DEPOTS,
SUSQUEHANNA, PA, AND SAN JOAQUIN, CA
 - B. CONTAINER FREIGHT STATION, NORFOLK, VA
 - C. ARMY PREPOSITIONED SHIP (APS 3)
UPLOAD SITE, CHARLESTON, SC (DODAAC W81X89
AND W81YUK)
 - D. MARINE CORPS BLOUNT ISLAND COMMAND,
JACKSONVILLE, FL 32226-3404
 - E. AERIAL PORTS OF EMBARKATION,
DOVER, DE; TRAVIS AIR FORCE BASE, CA;
NAVAL AIR STATION, NORFOLK, VA; AND
CHARLESTON AIR FORCE BASE, SC.
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PACKAGING AND PACKING SHALL BE

***(As applicable, levels of packaging (commercial/
military) and packing (commercial/A/B) are stated
here.)***

AS SPECIFIED IN THE PROCUREMENT DOCUMENT.

UNITIZED LOADS COMMENSURATE WITH THE LEVEL OF
PACKING SPECIFIED IN THE CONTRACT OR ORDER SHALL
BE USED WHENEVER TOTAL QUANTITY FOR SHIPMENT TO
ONE DESTINATION EXCEEDS 250 LBS (EXCLUDING THE
PALLET) OR 20 CU FT. LOADS SHALL BE UNITIZED
ON TYPE IV OR TYPE V 4-WAY ENTRY PALLETS.
PALLET SHALL HAVE A LENGTH OF 40 INCHES AND A
WIDTH OF 48 INCHES. PALLET LOAD, INCLUDING THE
PALLET, SHALL NOT EXCEED 54 INCHES IN HEIGHT, 43
INCHES IN LENGTH AND 52 INCHES IN WIDTH.

QUANTITY FOR SHIPMENT TO ONE DESTINATION OF LESS

THAN 250 LBS OR 20 CUBIC FEET NEED NOT BE PALLETIZED.

EXCEPTIONS:

A SINGLE MEDICAL ITEM HAVING A HEIGHT OF 48 INCHES OR GREATER:

IF A PROPERLY PALLETIZED LOAD (EQUIPMENT ITEM AND PALLET) EXCEEDS 54 INCHES IN HEIGHT, HEIGHT LIMITATION NEED NOT BE ADHERED TO.

A SINGLE MEDICAL ITEM HAVING DIMENSIONS EXCEEDING THE MAXIMUM PALLET LOAD LENGTH AND/OR WIDTH DIMENSIONS:

IF A SINGLE ITEM EXCEEDS THE MAXIMUM PALLET LOAD DIMENSIONS, LENGTH AND WIDTH LIMITATIONS NEED NOT BE ADHERED TO. CONTACT THE CONTRACTING OFFICER FOR ADDITIONAL GUIDANCE.

NOTE: THE PALLETIZATION STANDARD, MIL-STD-147D, HAS BEEN REDESIGNATED AS A PALLETIZATION HANDBOOK, MIL-HDBK-774 DATED 25 MARCH 1996. THEREFORE, THIS DOCUMENT MAY NO LONGER BE CITED AS A REQUIREMENT; IT IS NOW USED FOR GUIDANCE PURPOSES ONLY. THE ONLY PHYSICAL CHANGE TO THE DOCUMENT IS THE COVER SHEET DESIGNATING IT AS A HANDBOOK. THEREFORE, IF YOU HAVE A COPY OF MIL-STD-147D ON HAND, YOU MAY USE IT FOR GUIDANCE WHEN PALLETIZING YOUR SHIPMENTS. COPIES OF MIL-HDBK-774 MAY BE OBTAINED FROM THE DOCUMENT AUTOMATION AND PRODUCTION SERVICE (DAPS), BLDG 4D (NPM-DODSSP), 700 ROBBINS AVENUE, PHILADELPHIA, PA 19111-5094.